

Translation

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY
(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

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|--|---|---|-----------------------|
| Applicant's or agent's file reference YCT-937 | FOR FURTHER ACTION | | See Form PCT/IPEA/416 |
| International application No. PCT/JP2004/007496 | International filing date (day/month/year) 31.05.2004 | Priority date (day/month/year) 30.05.2003 | |
| International Patent Classification (IPC) or national classification and IPC | | | |
| Applicant VIXEN CO., LTD. | | | |

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|---|-------------------------------------|---|---------------------|--------------------------|------------|----------|--------------------------|-------------|--|--------------------------|------------|----------------------------|-------------------------------------|-----------|---|--------------------------|------------|-------------------------|--------------------------|-------------|--|--------------------------|--------------|---|
| <p>1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <u>5</u> sheets, including this cover sheet.</p> <p>3. This report is also accompanied by ANNEXES, comprising:</p> <p>a. <input type="checkbox"/> (<i>sent to the applicant and to the International Bureau</i>) a total of _____ sheets, as follows:</p> <p><input type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).</p> <p><input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.</p> <p>b. <input type="checkbox"/> (<i>sent to the International Bureau only</i>) a total of (indicate type and number of electronic carrier(s)) _____, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).</p> | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>4. This report contains indications relating to the following items:</p> <table> <tr> <td><input checked="" type="checkbox"/></td> <td>Box No. I</td> <td>Basis of the report</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. II</td> <td>Priority</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. III</td> <td>Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. IV</td> <td>Lack of unity of invention</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Box No. V</td> <td>Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. VI</td> <td>Certain documents cited</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. VII</td> <td>Certain defects in the international application</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. VIII</td> <td>Certain observations on the international application</td> </tr> </table> | <input checked="" type="checkbox"/> | Box No. I | Basis of the report | <input type="checkbox"/> | Box No. II | Priority | <input type="checkbox"/> | Box No. III | Non-establishment of opinion with regard to novelty, inventive step and industrial applicability | <input type="checkbox"/> | Box No. IV | Lack of unity of invention | <input checked="" type="checkbox"/> | Box No. V | Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement | <input type="checkbox"/> | Box No. VI | Certain documents cited | <input type="checkbox"/> | Box No. VII | Certain defects in the international application | <input type="checkbox"/> | Box No. VIII | Certain observations on the international application |
| <input checked="" type="checkbox"/> | Box No. I | Basis of the report | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | Box No. II | Priority | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | Box No. III | Non-establishment of opinion with regard to novelty, inventive step and industrial applicability | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | Box No. IV | Lack of unity of invention | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | Box No. V | Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | Box No. VI | Certain documents cited | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | Box No. VII | Certain defects in the international application | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | Box No. VIII | Certain observations on the international application | | | | | | | | | | | | | | | | | | | | | | |

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| Date of submission of the demand | Date of completion of this report |
| Name and mailing address of the IPEA/JP | Authorized officer |
| Facsimile No. | Telephone No. |

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2004/007496

Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.

This report is based on translations from the original language into the following language _____, which is the language of a translation furnished for the purposes of:

international search (Rule 12.3 and 23.1(b))
 publication of the international application (Rule 12.4)
 international preliminary examination (Rule 55.2 and/or 55.3)

2. With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):

the international application as originally filed/furnished
 the description:
 pages _____ as originally filed/furnished
 pages* _____ received by this Authority on _____
 pages* _____ received by this Authority on _____

the claims:
 nos. _____ as originally filed/furnished
 nos.* _____ as amended (together with any statement) under Article 19
 nos.* _____ received by this Authority on _____
 nos.* _____ received by this Authority on _____

the drawings:
 sheets _____ as originally filed/furnished
 sheets* _____ received by this Authority on _____
 sheets* _____ received by this Authority on _____

a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.

3. The amendments have resulted in the cancellation of:

the description, pages _____
 the claims, nos. _____
 the drawings, sheets/figs _____
 the sequence listing (specify): _____
 any table(s) related to sequence listing (specify): _____

4. This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

the description, pages _____
 the claims, nos. _____
 the drawings, sheets/figs _____
 the sequence listing (specify): _____
 any table(s) related to sequence listing (specify): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/JP2004/007496

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|-------------------------------|---|--------------------------|-----|
| Box No. V | Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement | | |
| 1. Statement | | | |
| Novelty (N) | Claims | 1-42 | YES |
| | Claims | | NO |
| Inventive step (IS) | Claims | 1-4, 7-12, 18, 19, 23-42 | YES |
| | Claims | 5, 6, 13-17, 20-22 | NO |
| Industrial applicability (IA) | Claims | 1-42 | YES |
| | Claims | | NO |

2. Citations and explanations (Rule 70.7)

Document 1: JP 2002-48982 A (Sony Corp.), 15 February 2002, entire text, all drawings (Family: none)

Document 2: JP 4-106513 A (Kabushiki Kaisha Wapu Create Systems), 08 April 1992, entire text, all drawings (Family: none)

Document 3: JP 2002-152809 A (e-with You Inc.), 24 May 2002, entire text, all drawings (Family: none)

Document 4: JP 2003-15673 A (Kabushiki Kaisha Daiichi Kosho), 17 January 2003, entire text, all drawings (Family: none)

The invention set forth in claims 5 and 6 does not involve an inventive step in the light of document 1 and document 2 cited in the international search report.

Document 1 discloses a system for providing astronomical data, a system for observing celestial bodies, a device, and a method for controlling the celestial body observation equipment, all of which employ a navigation device for introducing reference celestial bodies by controlling so that the astronomical telescope

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2004/007496

Box No. V **Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

rotates around two axes, wherein the navigation device is equipped with a positioning block and the astronomical telescope is controlled on the basis of the data from the positioning block.

Meanwhile, document 2 discloses a celestial body introduction system which inputs right ascension data and declination data, drives the astronomical telescope according to the data that has been input and then displays a star chart for the entire field of view corresponding to said data upon a display.

Therefore, it would have been easy for a person skilled in the art to derive the configuration of the invention that is set forth in claims 5 and 6 of the present application by merely combining the invention that is disclosed in document 1 and the invention that is disclosed in document 2.

The invention set forth in claims 13 to 16 does not involve an inventive step in the light of document 1 and document 3 cited in the international search report.

In addition to the items that are indicated above, document 1 also discloses a configuration wherein the navigation device is capable of connecting to a network via a portable terminal and a configuration wherein the navigation device has been provided with a browser program.

Meanwhile, document 3 discloses a common configuration wherein a plurality of input operation terminals and a terminal device that comprises a display terminal transmit information to one another via an electronic communication means.

Therefore, it would have been easy for a person skilled in the art to derive the configuration of the

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
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Box No. V **Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

invention that is set forth in claims 13 to 16 by merely combining the invention that is disclosed in document 1 and the invention that is disclosed in document 3.

The invention set forth in claims 17 and 20 to 22 does not involve an inventive step in the light of document 1 and document 4 cited in the international search report.

Document 4 discloses a common configuration wherein a plurality of terminal devices (in-room multipurpose terminals) and a single terminal device (a store computer) that has control authority over the plurality of terminal devices are interconnected via an electronic communication means.

Therefore, it would have been easy for a person skilled in the art to derive the configuration of the invention that is set forth in claims 17 and 20 to 22 by merely combining the invention that is disclosed in document 1 and the invention that is disclosed in document 4.

The inventions set forth in claims 1 to 4, 7 to 12, 18, 19 and 23 to 42 are not disclosed in any of the documents that are cited in the international search report, and would not have been obvious to a person skilled in the art.